





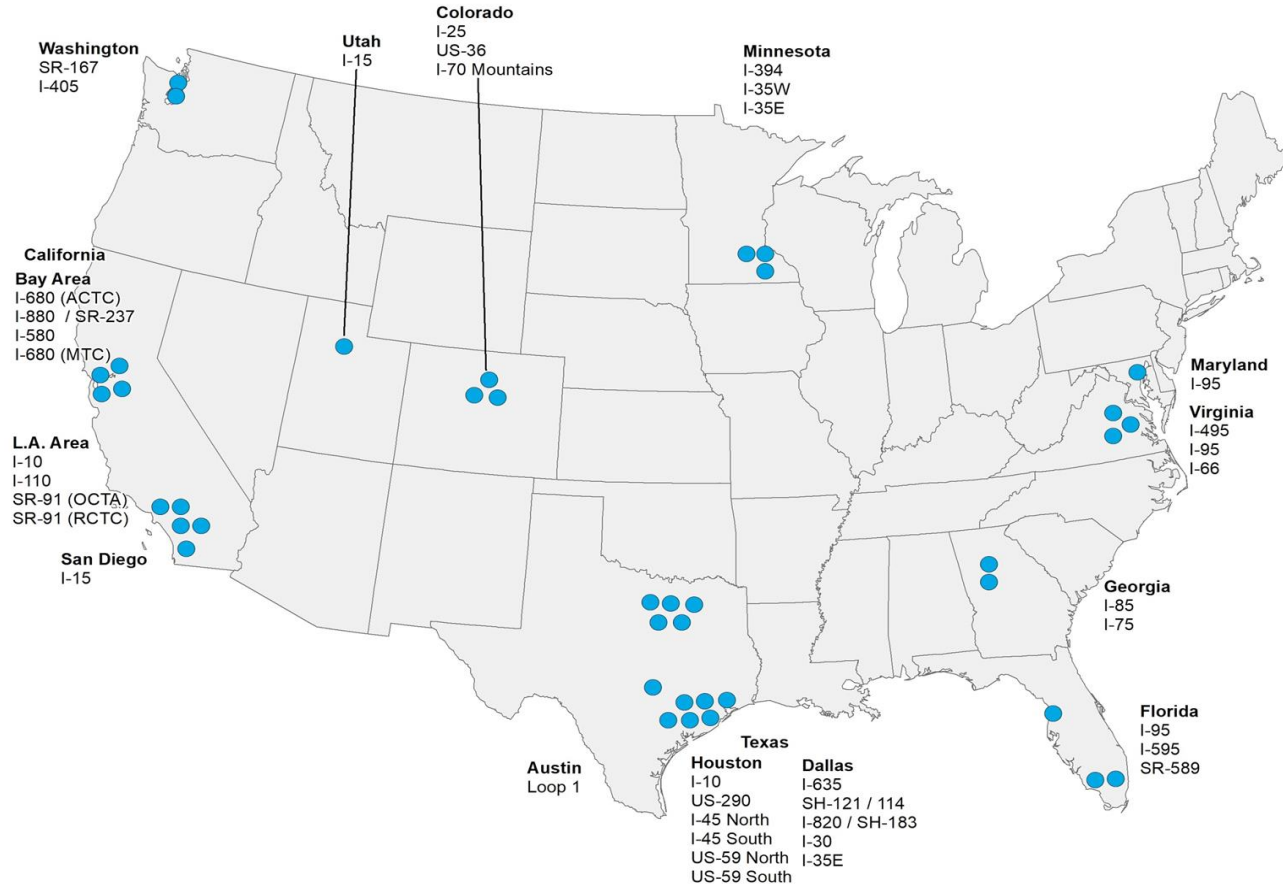
-
- The map illustrates the SR-15 corridor in Utah, highlighting key locations and infrastructure. The corridor runs north-south, passing through several cities and counties. Major highways shown include I-15, I-215, I-76, and I-89. The map also indicates various landmarks and features, such as the Layton Parkway, Parrish Lane, Lehi Main Street, University Parkway, and the 400 South highway. A legend at the bottom identifies yellow dots as Access Points, green lines as Express Lanes, and grey shaded areas as Electronic Payment Zones. A circular inset provides a detailed view of the Salt Lake City area, showing access points at 400 North, 600 North, 800 North, 1000 North, 1200 North, 1400 North, and 1600 North.



Lane Access Requirements

User Type	Payment		Requirements
HOV 2+	Free		None
Bus	Free		None
Motorcycle	Free		None
Single-occupant passenger vehicle	Toll		Express Pass
Single-occupant alternative-fuel vehicle	Free		Clean Vehicle Permit

Express Lanes Comparisons

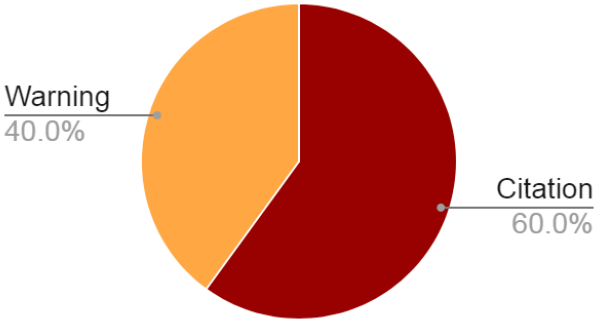
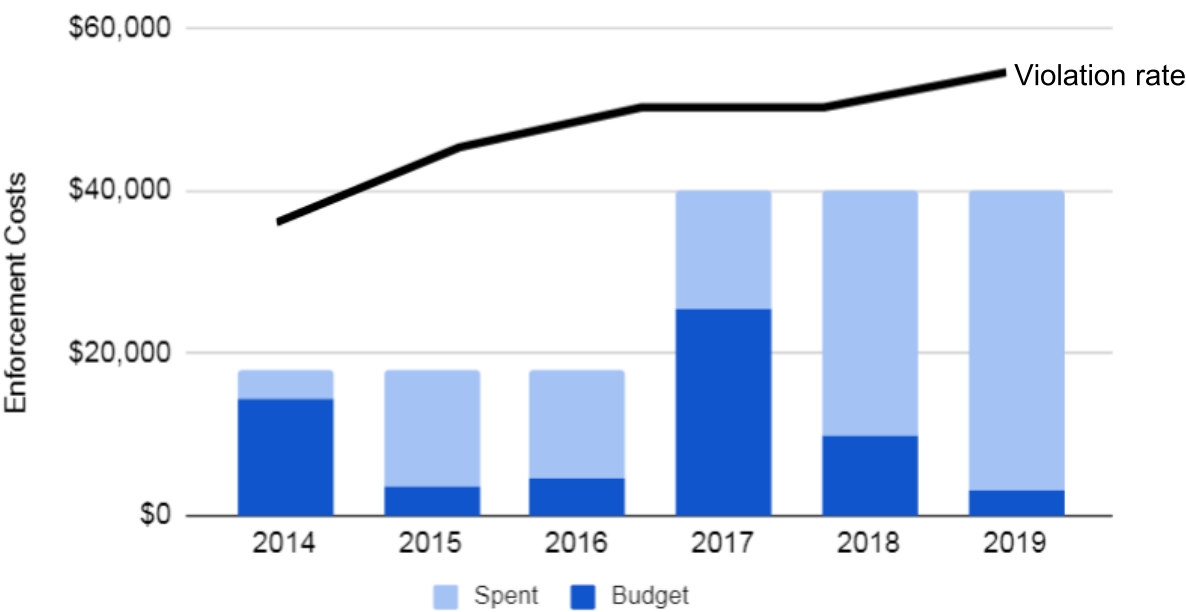


Express Lanes Comparisons

	Min/Max Tolls (per mile)	Operating Max Toll (per mile)	Length (miles)	Transponder Requirements	Annual Revenue
I-15 (UDOT)	\$0.03 to \$0.40	\$0.40	72	For SOV only	\$2,400,000
I-15 Express (SANDAG)	\$0.03 to \$0.40	\$0.40	20	For SOV only	\$13,000,000
US-36 (CDOT)	\$0.15 to \$0.52	\$0.52	16	HOV & SOV - Switchable transponder No transponder - License plate bill	\$8,000,000
I-405 (WSDOT)	\$0.04 to \$0.63	\$0.58	17	HOV & SOV - Switchable transponder No transponder - License plate bill	\$27,800,000
SR-167 (WSDOT)	\$0.10 to \$1.80	\$1.80	5	For SOV only	\$3,500,000
I-10/I-110 (LA Metro)	\$0.10 to \$2.11	\$2.11	20	HOV & SOV - Switchable transponder No transponder - License plate bill	\$63,000,000

UHP Enforcement

Express Lanes Enforcement Costs & Violation Rates



Potential Violation Reduction Strategy

1) **Non-declarable transponders** for all users



1) **License-plate cameras** for vehicles without transponders to receive a bill (toll + fee) in the mail



2) **Occupancy verification technology** to discount carpools



Occupancy Verification Technologies

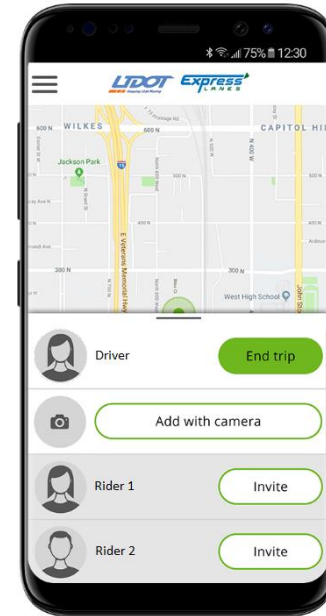


Occupancy Photo Verification



Currently in testing:
I-66, VDOT
I-10 & I-110, LA Metro

Occupancy Validation App



Dynamic Pricing Key to Future Travel Time Reliability

